

**SAFETY DATA SHEET**

REVISION DATE: 06-23-2016

SUPERSEDES: 07-16-2015

**SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER****PRODUCT INFORMATION**

**PRODUCT:** FOSTER 95-50  
**PRODUCT DESCRIPTION:** Sealant  
**INTENDED USE:** Sealant  
**PRODUCT IDENTIFIER:** 802438PM

**COMPANY INFORMATION**

H.B. Fuller Construction Products Inc.  
 1105 S. Frontenac Street  
 Aurora, IL 60504  
 Phone: 1-800-552-6225

Medical Emergency Phone Number (24 Hours): 1-888-853-1758  
 Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

**SECTION 2: HAZARDS IDENTIFICATION****GHS Hazard Symbols:**

**GHS Signal Word:** Danger  
**GHS Classification:** Skin Sensitisation Category 1; Carcinogenicity Category 1B; Hazardous to the aquatic environment - Acute Category 3; Hazardous to the aquatic environment - Chronic Category 3; Flammable Liquid Category 4  
**GHS Hazard Phrases:** Combustible Liquid; May cause an allergic skin reaction.; May cause cancer.; Harmful to aquatic life with long lasting effects.  
**GHS Precautions:**  
**Safety Precautions:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.  
**First Aid Measures:** IF ON SKIN: Wash with plenty of soap and water. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use water spray, foam, dry chemical or carbon dioxide to extinguish.  
**Storage:** Store in a well-ventilated place. Keep cool. Store locked up.  
**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS #	PERCENT	Classification	Note
Calcium carbonate	471-34-1	30 - 50		*(see below)
Kaolin clay	1332-58-7	10 - 30		*(see below)

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Oil, petroleum	64742-53-6	10 - 30	Carc. 1B; H350	
Diatomaceous earth	61790-53-2	1 - 5		* (see below)
Trimethylbenzene, 1,2,4-	95-63-6	1 - 5	Aquatic Chronic 2; H411 Acute Tox. 4; H332 Acute Tox. 4; H332 Acute Tox. 4; H332 Eye Irrit. 2; H319 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H335	
Trimethylbenzene, 1,3,5	108-67-8	1 - 5	Aquatic Chronic 2; H411 Flam. Liq. 3; H226 STOT SE 3; H335	
Ethylene glycol	107-21-1	0.1 - 1	Acute Tox. 4; H302	
Titanium dioxide	13463-67-7	0.1 - 1	Carc. 2; H351	* (see below)
Crystalline silica	14808-60-7	0.1 - 1	Carc. 1A; H350 STOT RE 1; H372	* (see below)
Xylene	1330-20-7	0.1 - 1	Aquatic Acute 1; H400 Acute Tox. 4; H312 Acute Tox. 4; H332 Acute Tox. 4; H332 Acute Tox. 4; H332 Flam. Liq. 3; H226 Skin Irrit. 2; H315	
Diethylbenzene	25340-17-4	0.1 - 1	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Asp. Tox. 1; H304 Flam. Liq. 2; H225 Skin Irrit. 2; H315	
Cumene	98-82-8	0.1 - 1	Aquatic Acute 1; H400 Aquatic Chronic 2; H411 Asp. Tox. 1; H304 Acute Tox. 4; H302 Flam. Liq. 3; H226 STOT SE 3; H335	
Cristobalite	14464-46-1	0.1 - 1	Acute Tox. 4; H332 Carc. 2; H351 STOT RE 1; H372	* (see below)
Methyl ethyl ketoxime	96-29-7	0.1 - 1	Acute Tox. 4; H312 Acute Tox. 4; H302 Carc. 2; H351 Eye Dam. 1; H318 Skin Sens. 1; H317	

\*This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines.

**SECTION 4: FIRST AID MEASURES**

**IF IN EYES:** Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

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IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

IF INHALED: Remove to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.

IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

### SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and can travel to a source of ignition and flash back.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide

### SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

METHODS FOR CLEAN-UP: Scrape up and place in disposal container. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

### SECTION 7: HANDLING AND STORAGE

Handling: Avoid contacting and avoid breathing the material. Use only in a well ventilated area.  
 Keep away from heat, sparks and flame.  
 Wash thoroughly after handling.  
 Keep container closed.  
 Emptied container retains vapor and product residue.  
 Observe all labeled precautions until container is cleaned.  
 Drums of this material should be grounded when pouring.  
**DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.**

Storage: Store in a cool, dry, ventilated location. Keep away from heat and flame. Keep container closed.

Consult the Technical Data Sheet for specific storage instructions.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### EXPOSURE LIMITS:

Chemical Name	Note	ACGIH EXPOSURE LIMITS	OSHA PEL
Calcium carbonate	* (see below)	No data available.	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)

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Kaolin clay	* (see below)	2 mg/m <sup>3</sup> TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Oil, petroleum		No data available.	5 mg/m <sup>3</sup> TWA (as mist)
Diatomaceous earth	* (see below)	No data available.	20 mppcf TWA; ((80)/(% SiO <sub>2</sub> + 5) mg/m <sup>3</sup> TWA)
Titanium dioxide	* (see below)	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA (total dust)
Crystalline silica	* (see below)	0.025 mg/m <sup>3</sup> TWA (respirable fraction)	((250)/(%SiO <sub>2</sub> + 5) mppcf TWA (respirable)); ((10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA (respirable)); ((30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA (total dust))
Cumene		50 ppm TWA	50 ppm TWA; 245 mg/m <sup>3</sup> TWA Skin absorption may potentially contribute to the overall exposure to this material.
Cristobalite	* (see below)	0.025 mg/m <sup>3</sup> TWA (respirable fraction)	Not established

\*This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

**ENGINEERING CONTROL METHODS:**

<b>VENTILATION:</b>	Use local exhaust ventilation or other engineering controls to minimize exposures.
<b>EYE PROTECTION:</b>	Wear safety glasses when handling this product.
<b>SKIN PROTECTION:</b>	Avoid skin contact by wearing chemically resistant gloves. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.
<b>GLOVES:</b>	Nitrile
<b>RESPIRATORY PROTECTION:</b>	Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE:</b>	Semi-solid
<b>COLOR:</b>	Off-white
<b>ODOR:</b>	Solvent
<b>ODOR THRESHOLD:</b>	Not established
<b>pH:</b>	Not established
<b>FREEZING/MELTING POINT (deg. C):</b>	Not established
<b>BOILING POINT (deg. C):</b>	Not established
<b>FLASH POINT:</b>	63°C; 145°F Pensky-Martens
<b>EVAPORATION RATE:</b>	Not established
<b>FLAMMABILITY:</b>	Not a flammable solid or gas
<b>UPPER EXPLOSIVE LIMIT (% in air):</b>	Not established
<b>LOWER EXPLOSIVE LIMIT (% in air):</b>	Not established

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VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
WEIGHT PER GALLON (lbs.):	11.90
SPECIFIC GRAVITY:	1.430
SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
AUTOIGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
SOLIDS (% by weight):	73.0
VOC, weight percent	29.40
VOC, U.S. EPA Method 24, less water and exempt solvents (theoretically determined)	420g/liter of material

**SECTION 10: STABILITY AND REACTIVITY**

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STABILITY:	Stable under normal conditions.
CHEMICAL INCOMPATIBILITY:	Not established
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide

**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Component Toxicity / Toxicology Data:**

COMPONENT NAME	LD50/LC50
Trimethylbenzene, 1,2,4-	Dermal LD50 Rabbit > 3,160.00 mg/kg
Trimethylbenzene, 1,3,5	Inhalation LC50 Rat 24.00 G/M3

**This product is a mixture. Unless noted, the information below is based on components.**

Skin corrosion / irritation: No irritation hazard in normal industrial use.

Serious eye damage / irritation :No irritation hazard in normal industrial use.

Respiratory / skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: Contains a material that may cause cancer.

Reproductive toxicity: No data available.

Specific target organ toxicity-single exposure: No data available.

Respiratory irritation / Narcotic effects: May cause respiratory irritation.

Specific target organ toxicity-repeated exposure: No data available.

Target organs potentially affected by exposure: Lungs Blood Central nervous system

Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Lung disease, Blood disorders (like anemia)

**SECTION 12: ECOLOGICAL INFORMATION**

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OVERVIEW:	No ecological information available for this product.
MOBILITY:	No data available.
PERSISTENCE:	No data available.
BIOACCUMULATION:	No data available.

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**This product has not been tested for ecological effects. Relevant information for components is listed below:**

<b>Component:</b>	<b>Ecotoxicity values:</b>
Trimethylbenzene, 1,2,4-	<b>Acute Toxicity (Fish):</b> 96 Hr LC50 Pimephales promelas: 7.19 - 8.28 mg/L [flow-through] <b>Acute Toxicity (Daphnia):</b> 48 Hr EC50 Daphnia magna: 6.14 mg/L <b>Acute Toxicity (Algae):</b> Not established
Trimethylbenzene, 1,3,5	<b>Acute Toxicity (Fish):</b> 96 Hr LC50 Pimephales promelas: 3.48 mg/L <b>Acute Toxicity (Daphnia):</b> Not established <b>Acute Toxicity (Algae):</b> Not established

**SECTION 13: DISPOSAL CONSIDERATIONS**

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

**SECTION 14: TRANSPORT INFORMATION**

Consult Bill of Lading for transportation information.

US DOT: NOT REGULATED  
IATA: NOT REGULATED  
IMDG: NOT REGULATED

**SECTION 15: REGULATORY INFORMATION****INVENTORY STATUS**

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

CANADIAN CEPA DSL: The components of this product are included on the DSL or are exempt from DSL requirements.

EUROPEAN REACH: As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.

AUSTRALIA AICS: This product contains a component that is not on the Australian Inventory (AICS).

KOREAN TCCL: This product is in compliance with the Korean Existing Chemicals List requirements.

PHILIPPINES: This product is in compliance with the Philippine Inventory of Chemicals and Chemical Substances requirements.

CHINA IECSC INVENTORY: This product is in compliance with the Inventory of Existing Chemical Substances in China (IECSC) requirements.

If you need more information about the inventory status of this product call 651-236-5858.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others). Before exporting this product from the USA or Canada, we recommend you contact us at [reg.request@hbfuller.com](mailto:reg.request@hbfuller.com) to request an export review.

**FEDERAL REPORTING**

EPA SARA Title III Section 313

Print Date: 01-09-2017

FOSTER 95-50  
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Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS#	%
1,2,4-Trimethylbenzene	95-63-6	1 - 5
Cumene	98-82-8	0.1 - 1

**STATE REPORTING**

Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

Unless listed below, this product does not contain known levels of any chemical known to the State of California to cause cancer or reproductive harm.

Chemical Name/List	CAS	Percent
Titanium dioxide (Carcinogen)	13463-67-7	0.1 - 1
Quartz (Carcinogen)	14808-60-7	0.1 - 1
Cumene (Carcinogen)	98-82-8	0.1 - 1
Isoprene (Carcinogen)	78-79-5	< 10 ppm
Benzene (Carcinogen)	71-43-2	< 10 ppm
ethylbenzene (Carcinogen)	100-41-4	< 10 ppm
Ethylene glycol (Developmental toxin)	107-21-1	0.1 - 1
Benzene (Developmental toxin)	71-43-2	< 10 ppm
Toluene (Developmental toxin)	108-88-3	< 10 ppm
Benzene, methyl- (Female reproductive toxin)	108-88-3	< 10 ppm
Benzene (Male reproductive toxin)	71-43-2	< 10 ppm

**Substances of Very High Concern (SVHC) Content:**

Unless listed below, this product does not contain SVHC's at 0.1% or greater, as of the version date of this SDS.

**SECTION 16: OTHER INFORMATION**

SDS VERSION DATE: 06-23-2016

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

HMIS RATING: HEALTH -- 2 FLAMMABILITY -- 2 REACTIVITY -- 0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

Prepared by: The Global Regulatory Department

Phone: 651-236-5842

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